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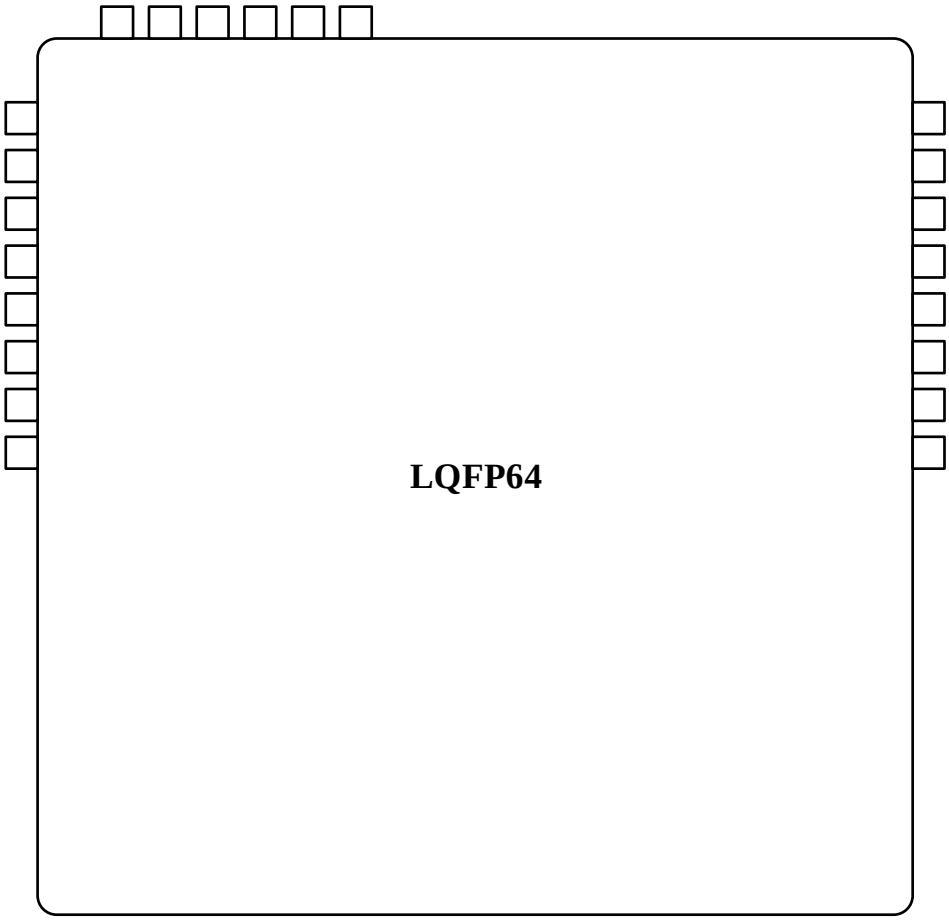
3

3.1

3.1.1



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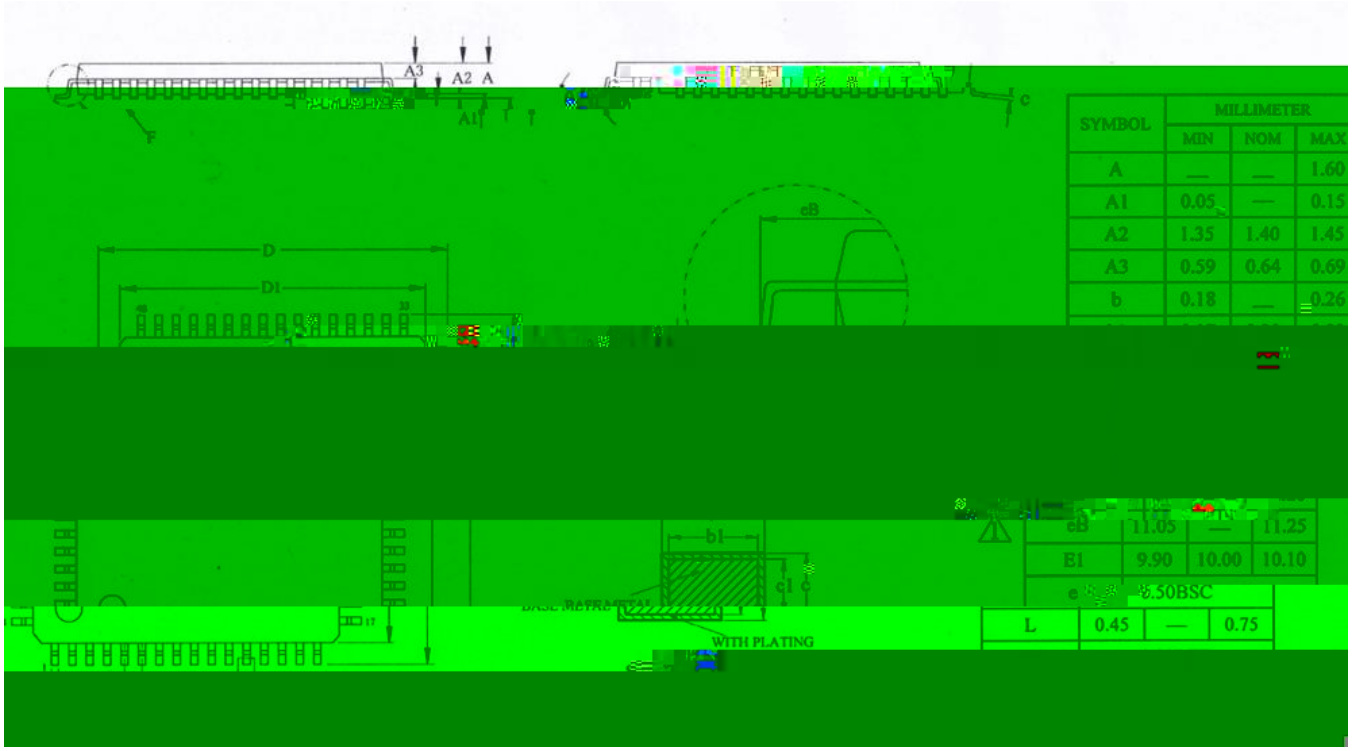
3.1.2



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.60
A1	0.05	—	0.15
A2	1.35	1.40	1.45
A3	0.59	0.64	0.69
b	0.18	—	0.26
eB	11.05	—	11.25
E1	9.90	10.00	10.10
e	2.50BSC		
L	0.45	—	0.75

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3.2

3.2.1

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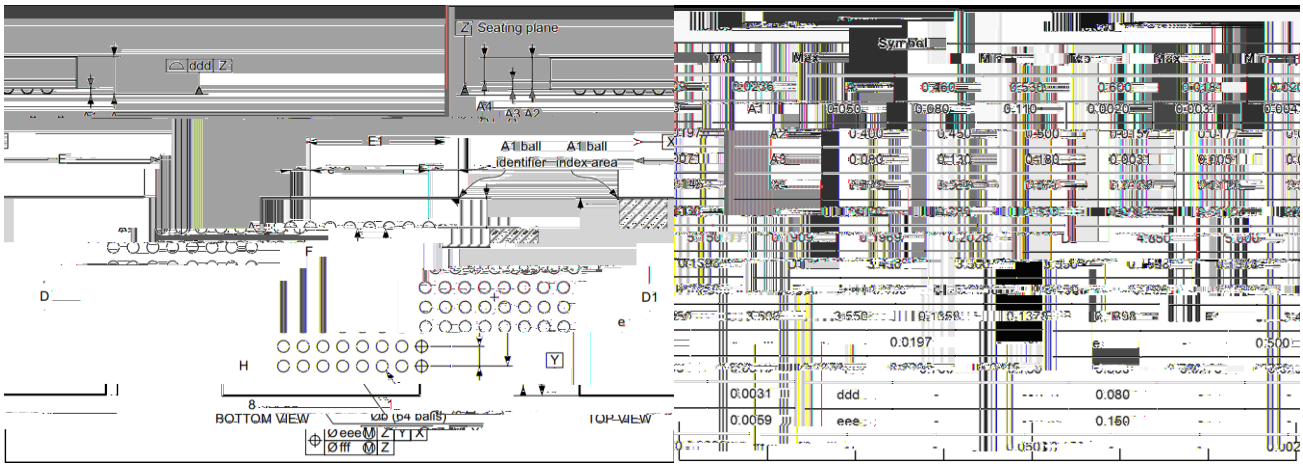
3.2.2



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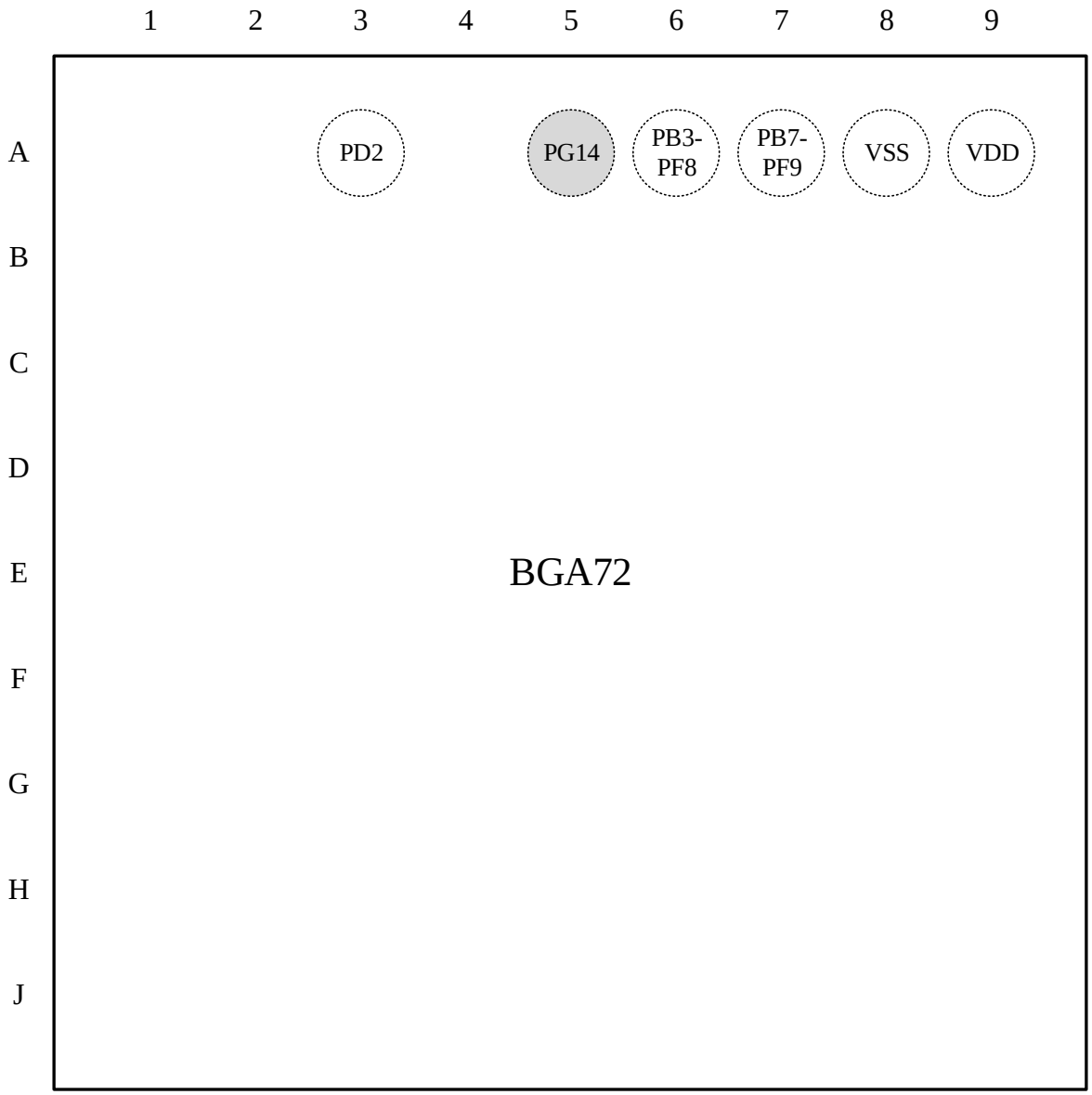
3.3

3.3.1



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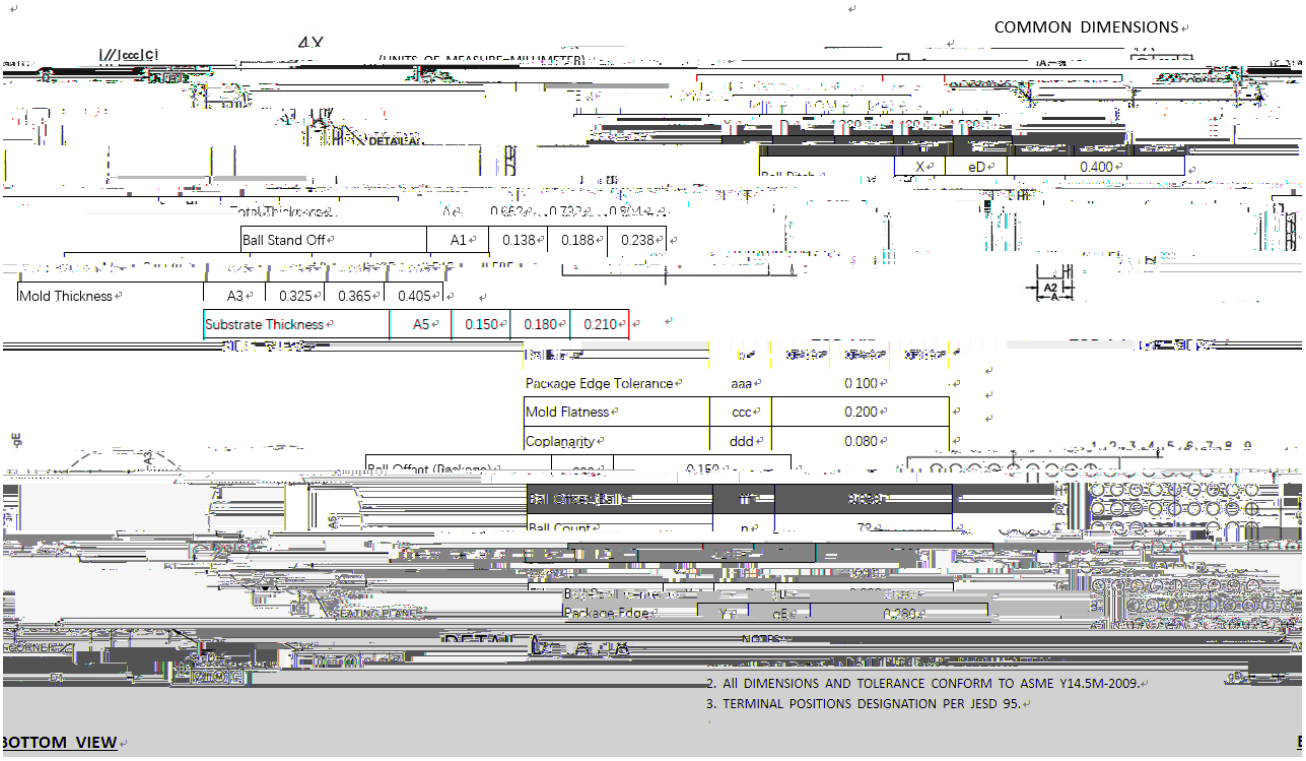
3.3.2



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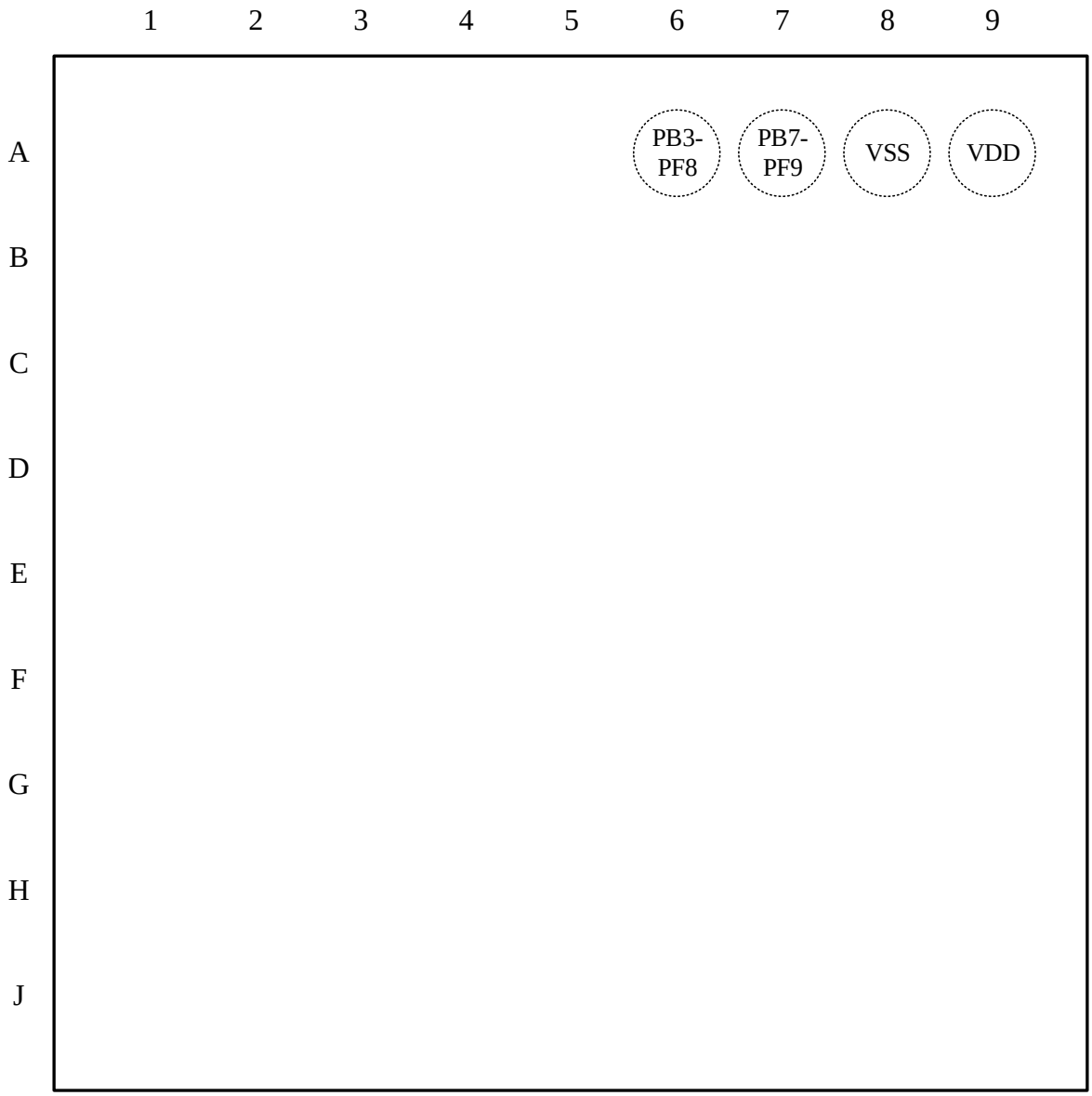
3.4

3.4.1



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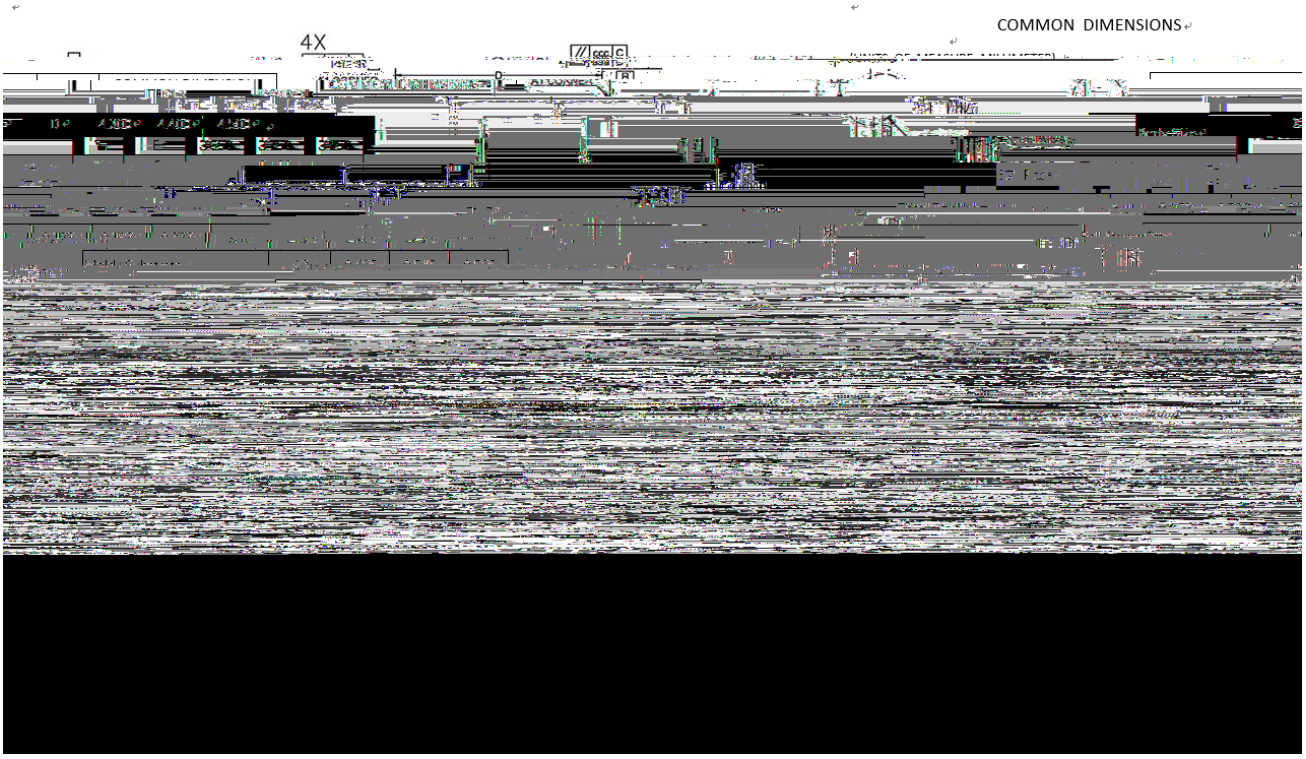
3.4.2



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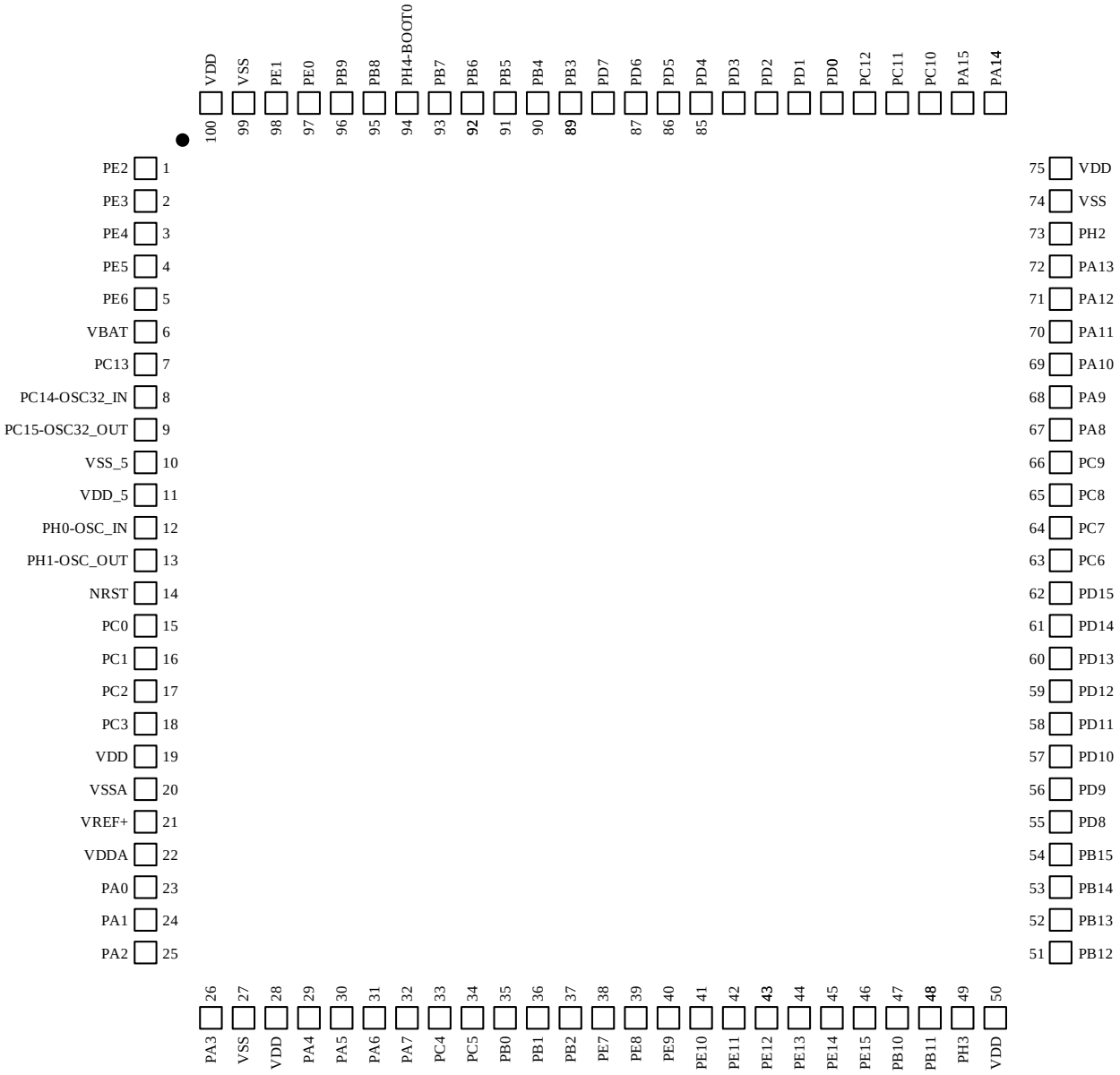
3.5

3.5.1



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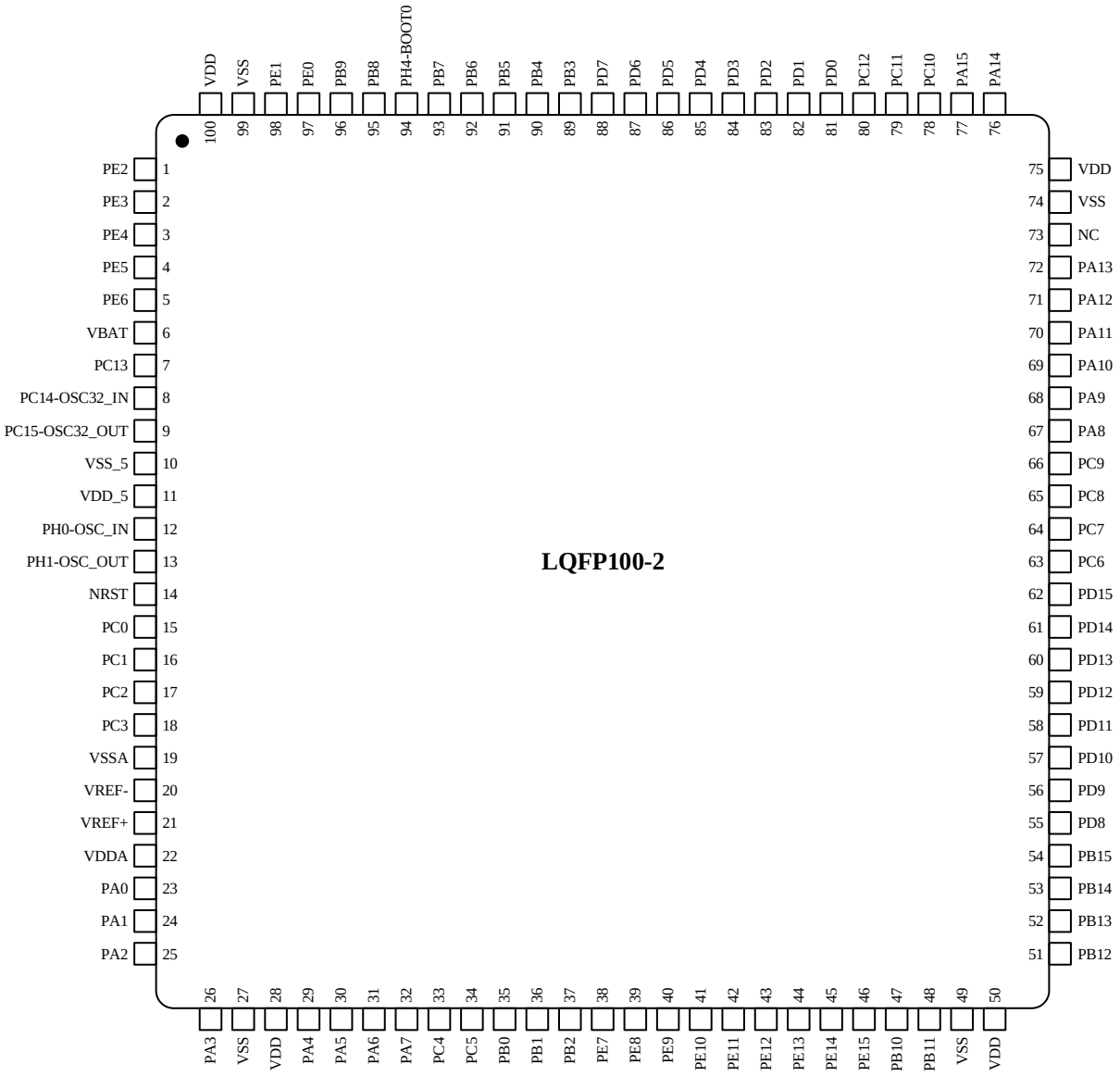
3.6

3.6.1


LQFP100-2
1 PE2
2 PE3
3 PE4
4 PE5
5 PE6
6 VBAT
7 PC13
8 PC14-OSC32_IN
9 PC15-OSC32_OUT
10 VSS_5
11 VDD_5
12 PH0-OSC_IN
13 PH1-OSC_OUT
14 NRST
15 PC0
16 PC1
17 PC2
18 PC3
19 VSSA
20 VREF-
21 VREF+
22 VDDA
23 PA0
24 PA1
25 PA2
26 PA3
27 VSS
28 VDD
29 PA4
30 PA5
31 PA6
32 PA7
33 PC4
34 PC5
35 PB0
36 PB1
37 PB2
38 PE7
39 PE8
40 PE9
41 PE10
42 PE11
43 PE12
44 PE13
45 PE14
46 PE15
47 PB10
48 PB11
49 VSS
50 VDD
51 PB12
52 PB13
53 PB14
54 PB15
55 PD8
56 PD9
57 PD10
58 PD11
59 PD12
60 PD13
61 PD14
62 PD15
63 PC6
64 PC7
65 PC8
66 PC9
67 PA8
68 PA9
69 PA10
70 PA11
71 PA12
72 PA13
73 NC
74 VSS
75 VDD
76 PA14
77 PA15
78 PC10
79 PC11
80 PC12
81 PD0
82 PD1
83 PD2
84 PD3
85 PD4
86 PD5
87 PD6
88 PD7
89 PB3
90 PB4
91 PB5
92 PB6
93 PB7
94 PH4-BOOT0
95 PB8
96 PB9
97 PE0
98 PE1
99 VSS
100 VDD

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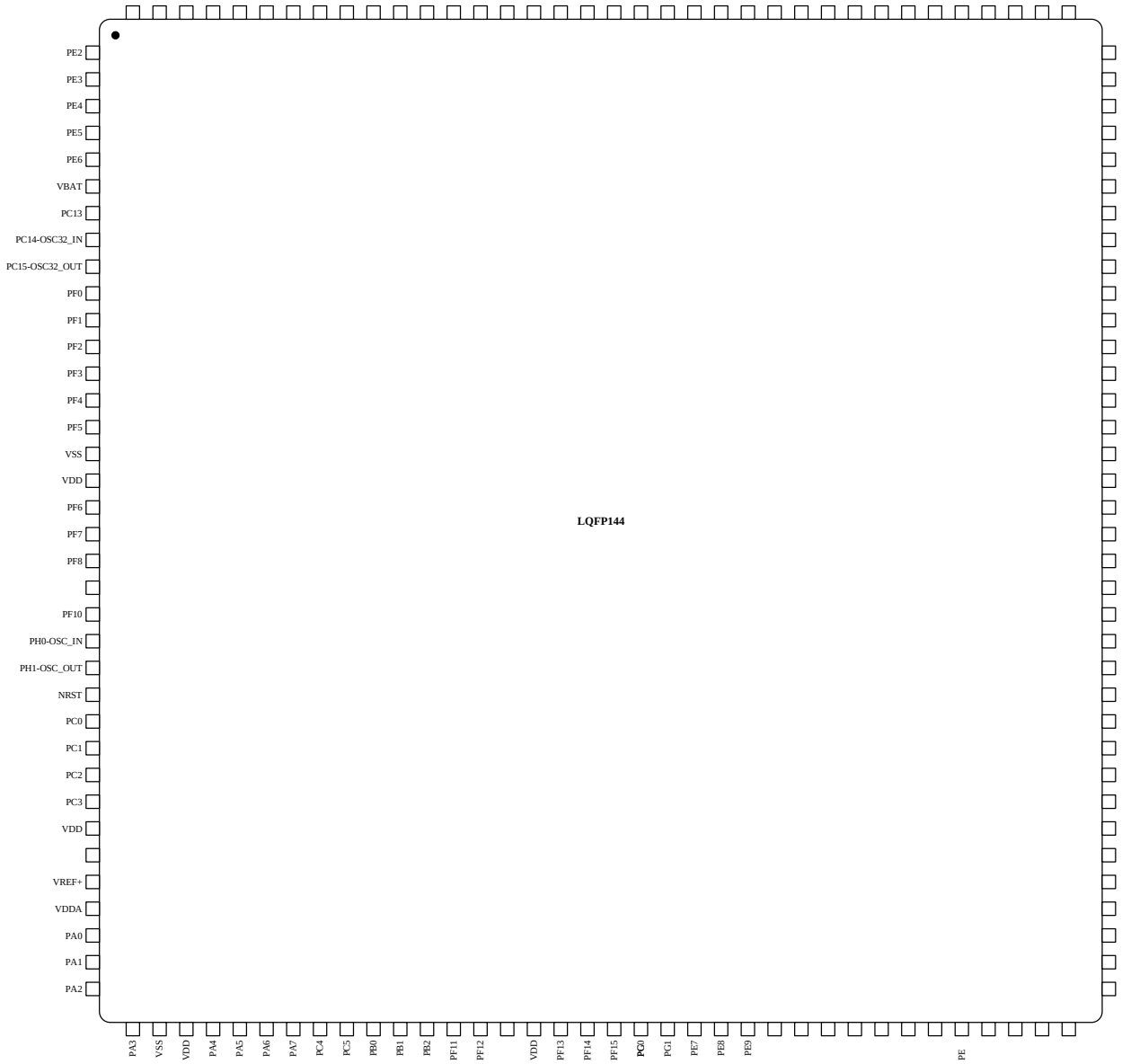
3.7

3.7.1


LQFP144
PE2
PE3
PE4
PE5
PE6
VBAT
PC13
PC14-OSC32_IN
PC15-OSC32_OUT
PF0
PF1
PF2
PF3
PF4
PF5
VSS
VDD
PF6
PF7
PF8
PF10
PH0-OSC_IN
PH1-OSC_OUT
NRST
PC0
PC1
PC2
PC3
VDD
VREF+
VDDA
PA0
PA1
PA2
PA3
VSS
VDD
PA4
PA5
PA6
PA7
PC4
PC5
PB0
PB1
PB2
PF11
PF12
VDD
PF13
PF14
PF15
PG0
PG1
PE7
PE8
PE9
PE

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3.7.2

Symbol	millimeters			inches(1)		
	Min	Typ	Max	Min	Typ	Max
0.0630	A		-	1.600		-
0.0059	A1	0.050	-	0.150	0.0020	
0.0571	A2	1.350	1.400	1.450	0.0531	0.0551
0.0106	b	0.170	0.220	0.270	0.0067	0.0087
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0.7874	0.7953	D1	19.800	20.000	20.200	0.7795
0.689	[illegible]	D3	-	17.500	-	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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